

# THE SIERRA MADRE NEWS

VOL. III.

SIERRA MADRE, LOS ANGELES COUNTY, CALIFORNIA, FRIDAY, NOVEMBER 27, 1908.

NO. 8.

## SOLAR CYCLONES

**Interesting Phenomena Observed  
By Prof. Hale From Mt.  
Wilson—Big Lens  
Expected Soon.**

According to information received by the observatory officials the big casting for the 100-inch lens of the Mt. Wilson observatory is now on its way by boat from New York to Galveston. After being shipped from the little village in the north of France where it was cast the glass was delayed for a long time at Antwerp because no steamship company could be found which would take the responsibility for getting it through in safety.

From Galveston the casting will be brought by rail to Pasadena and installed in the laboratory at Lake avenue and Santa Barbara street where it will be ground and polished. Prof. Ritchey and his assistants expect to get the job done in about three years. James Ritchey, father of Prof. George Ritchey, has worked out the details for the observatory building and for the machinery which will be used to grind and polish the lens. He is now engaged in drawing plans for the mountings of the telescope.

The casting of the crown glass is thirteen inches thick and now weighs about five tons. About half a ton of glass will be ground off. The 100-inch telescope, when complete, will contain this glass and five others weighing about 500 pounds each.

Regarding the work already accomplished on Mt. Wilson the current Scientific American contains an interesting article by Prof. S. A. Mitchell of Columbia university. The idea of cyclones on the sun will be a new one to most people but Prof. George E. Hale has been taking photographs of that sort of thing for several months. Prof. Mitchell's account is reproduced here in part, minus technical phraseology:

Important discoveries have been made during the past few months at the Carnegie Solar Observatory in California, where Prof. George E. Hale, its director, has gained valuable knowledge about the sun in showing the process whereby fuel is fed into the solar furnace. By improved methods of research, by careful diligence in closely observing the sun, aided by a little stroke of luck, photographs have been taken which show a mass of cool hydrogen gas being sucked into the vortex of a sun spot, the result of a terrific solar cyclone. These critical photographs, which are of excellent quality, speak volumes for the observers on Mount Wilson in regard to their ability in perfecting new lines of research, their hard-working methods in observing, and their genius in properly interpreting the results of these fine pictures. When related, these discoveries appear extremely simple and matter-of-fact, but the work that has led up to them required a series of brilliant discoveries which are probably equaled nowhere in any other science.

Mount Wilson near Pasadena in California was chosen for the observatory

of the Carnegie Institution because its position offered the possibility of continuously observing the heavens for weeks at a time unhampered by clouds. The talented director of the Yerkes Observatory of the University of Chicago, chosen as its head, decided to limit observational work to the sun, for the reason that the sun is a typical star, and in closely studying it we are not only gaining information about the body which is of most importance to us on earth, but we are also shedding considerable light on the great and important problem of astronomy, the study of stellar evolution. While still a young man in 1893, Prof. Hale invented the spectroheliograph, and since that time much has been expected from him in astronomic research. His present discoveries are a fitting climax to a long series of brilliant discoveries rendered possible by great genius and remarkable enthusiasm.

If astronomers of the present day had only the photographic camera to assist with their eye observations at the end of a telescope, very little could be known of the sun or its surface. The photographic plate has been of enormous value in giving a permanent record of fleeting phenomena on the sun's surface, and without it the great advances of today would have been impossible. Since 1868 the spectroscopic has given its aid to solar investigations. In that year Janssen of France and Lockyer of England almost simultaneously pointed out that the red flames or prominences, which formerly could be seen only during the few minutes of a total solar eclipse, were now an everyday phenomenon. By a peculiar use of the spectroscopic it is now possible to see these red flames in broad daylight when they are on the sun's edge, in spite of the fact that the light from the sun is a thousandfold more powerful than the light from the prominences. Another field of fruitful research was thus opened, and in the capable hands of the late Prof. Young of Princeton, a long list of discoveries were added to the science of astrophysics. Flames could be seen shooting to enormous distances from the sun's edge at a speed greater than one hundred miles per second! The end of all research seemed nearly reached when it became possible to photograph and obtain a permanent record of these gigantic eruptions, as was possible by Prof. Hale's invention of the spectroheliograph. As the name signifies, the sun is photographed by means of its spectrum.

On May 26, 1908, a spot reached the east limb of the sun at 8:16 A. M., and the looked-for opportunity was at hand. On May 25, before the spot turned the edge of the sun, evidences of activity could be seen in the shape of prominences which were undoubtedly connected with the spot group. On May 28 at 6:58 A. M., with the spot very close to the eastern limb, traces of a cyclone could be seen near the spot, matter there being in rapid whirling motion, and likewise was seen what proved later to be especially interesting, a flocculus of dark cool hydrogen. (The spot remained on the face of the sun until June 8.) The splendid series of photographs taken show the cyclones continuing on a gigantic scale around the spot. The

(Continued on 8th Page.)

## EARLY AMERICAN MUSIC

**Charles T. Lummis Speaks Before  
Woman's Club.**

On Monday afternoon the Hon. Charles T. Lummis delivered a lecture entitled "America's Earliest Music," before the Woman's club. Although thoroughly historic, it was so spiced with Mr. Lummis' keen wit, that it was intensely interesting as well as instructive. An attractive feature was the reproduction of the Indian folk-songs on a phonograph.

Much credit is due Mrs. Marcus W. Copps, who had charge of the decorations for the handsome stage setting, and the "atmosphere" that the Indian rug lent the occasion.

Mr. Lummis said in part, "We are apt to forget the real meaning of music and to think it is a product of civilization. However this is not so. God gave to the savage as well as to us, the need and the power of music. It is a universal gift and a universal solace, and it is the universal art of all arts. If art is the privilege of a few it is the counterfeit that God would not put off upon his children. It is indeed a long stretch from the time one might hear the sound made by the bow string in the hands of prehistoric man while upon a hunt for game to the exquisite melody produced by the hands of an artist upon a Stradivarius violin—yet the violin was evolved from the bow-string. The need of music is the need of expression, and music is a powerful medium of expression.

"Ages ago, before a civilization had dawned a savage may have arisen in the night and stepped upon, not a tack, for tacks and carpet sweepers were unknown, but a sharp stone, and to relieve his feelings gave a grunt. He discovered his emotions might be sustained by expression, thus we have the primary principle of vocal music, the expression of emotion. As time went on artistic possibilities were found in vocal expression and art is the flower of human life.

"The Indians appoint one man to do penance for the tribe, and he sticks thorns into his flesh, goes without food and otherwise tortures himself. We pay our money to hear Melba or Caruso, thus even is our singing done vicariously. Song, in the old days, by right and by logic was such as must find expression. "Annie Laurie," "Suwanee River," and "Home, Sweet Home," were written to express an emotion, and not for money. There is more real music written by the unlearned in musical instruction than by the letter perfect musician.

"A quarter of a century ago I spent some months with the Mexican and Indian sheep herders, sleeping at an elevation of eight thousand feet, living their primitive life, to learn of them their songs that were unwritten. Later I was among them with the phonograph and succeeded in securing six hundred records in thirty-five distinct Indian tongues. The folk songs of the Indians are in fact the earliest American music.

Fourteen numbers of Indian and Spanish songs reproduced on the phonograph, ranging from the most primitive songs, scarcely more than a wail, to the justly celebrated and beautiful "La Palonia" and they were all attentively received.

## MASONIC PLANS

**Local Members of the Craft Preparing for Permanent Organization — Lodge Quarters in View.**

Local Masons have been holding meetings at the homes of several of their members during the last few months, preliminary to the organization of a lodge of Free Masonry in Sierra Madre. On Monday evening last they met at the home of Mr. M. H. Bridle, who was some time ago elected chairman of the temporary organization, Mr. W. E. Deutsch being elected secretary.

The business of the last meeting was to consider plans submitted by the building committee of the Sierra Madre Woman's Club, an offer having been made by that organization to the Masonic body for the leasing of the second floor of the proposed club building on Central avenue for a Masonic lodge room. The plans were very favorably received by the Masons and the chairman was authorized to appoint a lodge room committee to consist of five members, who were instructed to take up the matter of leasing and preparing the rooms for Masonic use. The action is of importance not only to those immediately concerned but to the whole city, assuring as it does the early erection of the beautiful building which the ladies have undertaken with so much enthusiasm to build on their Central avenue lot.

The plans as now drawn show a lodge room 28x42 feet, with the necessary ante-rooms. An entrance porch will also be provided on the west side of the building.

It is expected that the social feature will be developed particularly in the new Masonic organization. That has been a most pleasant feature of the preliminary meetings so far held. However, the more important fraternal efforts of the craft have not been lost sight of.

It was a matter of surprise to many of the fraternity who have resided in the city for years to find how many of the new comers were of the craft. The interest taken and the prospects opening before the members give every indication of a thriving lodge being established in the very near future.

The following brothers were appointed to act as committee on lodge room: C. W. Jones, chairman, George H. Letteau, W. E. Bechtelheimer, C. F. Gray, M. H. Bridle.

After the business of the meeting was disposed of the rest of the evening was given up to social converse, the fragrant "weed" aiding in the feast of reason and flow of wit. The chairman was instructed to issue a call for another meeting when the committee has something to report.

Mr. R. D. Laws who spent last winter in Sierra Madre and later removed to Los Angeles has returned here for the winter season.



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## WITH THE TATTLER

(The editorial column is reserved for the personal opinions of the editor. This column is devoted to the opinions, expressions and doings of others, as heard here and there about town.)

### Many, Many Thanks.—

The Woman's Guild of the Episcopal church wish to thank all who so kindly assisted in making their recent bazaar and entertainment such a success.

### Forgot Their Manners.—

"Say, Mr. Editor," you just give it to this un-american audience for not rising to their feet when the "Star Spangled Banner" was sung during the tableau tonight and last night," said Mr. A. D. Hawks during the intermission at the bazaar last Friday evening. "Any American should have patriotism enough to stand while the national hymn is played or sung, and in most towns the entire audience rises when the first notes are sounded. Give it to them so they won't forget on the next occasion of the kind."

To all of which the editor says "amen." The omission was probably due more to forgetfulness than to any real lack of patriotism, though Mr. Hawks tried in vain to make himself heard in an attempt to get the audience to their feet. But let us hope that no Sierra Madre audience will ever be caught in such an omission in the future.

### EVANGELIST MILLER SPEAKS

Last Sunday night Evangelist Ralph W. Miller commenced a series of meetings in the Town Hall of this city. In spite of rain and cold the meetings have continued during the week with a slight but steady attendance, and a growing interest. The striking subjects of the week have been, "The Binding of Satan," "The Inspiration of the Scriptures," "A Heathen's Dream—a lesson for today," "We Would See Jesus," "The End of the World." The topic for tonight is "The Dominion Lost and Restored."

Saturday night Mr. Miller will speak on "The Money and Labor situation as I have seen it in Europe and America." Sunday night: "The Eastern Question—what the downfall of the Turk means to the entire world."

A question box provides one of the interesting features of the meetings.

### ADVERTISED LETTERS

The following letters are uncalled for at the Sierra Madre postoffice for the current week:

Mrs. D. A. MacMullan.  
Miss Bertha Johnson.  
Mrs. W. H. Buchanan.  
Mr. and Mrs. Henry L. McKee.  
Mr. and Mrs. Jack Martin.  
Guy H. Johnson.

In calling for the above please say "advertised."

CABOT A. YERXA, Postmaster.

A large touring automobile containing a man and his wife met a load of hay in a very narrow road. The woman declared that the farmer must back out, but her husband contended that she was unreasonable. "But you can't back the automobile so far," she said, "and I don't intend to move for anybody. Besides, he should have seen us." The husband pointed out that this was impossible, owing to an abrupt turn in the road. "I don't care," she insisted. "I won't move if I have to stay here all night." Her husband was starting to argue the matter, when the farmer, who had been sitting quietly on the hay, interrupted: "Never mind, sir!" he exclaimed, with a sigh, "I'll try to back out. I've got one just like her at home."

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**Brief Items of Interest**

Mrs. F. J. Gary is visiting friends in Imperial Valley.

Mr. Harry H. Hollingsworth of Indianapolis was a guest this week at the home of Mr. and Mrs. D. L. Newlin.

Mr. and Mrs. L. C. Torrance and family were guests at Thanksgiving dinner at the home of Mr. and Mrs. J. S. Torrance, Pasadena.

Mr. C. H. Baker returned Thursday morning from a business trip to San Francisco in time to spend Thanksgiving day with his family at "Glen Cairn."

Captain and Mrs. J. A. Osgood left Wednesday evening for Bakersfield where they were Thanksgiving guests at the home of their son, Mr. John Osgood.

A. S. Mead has rented the Hudson cottage to Mr. and Mrs. William Wilson, lately from Ireland. Mrs. Hudson has gone to Los Angeles where she will remain for some time.

Mr. James Campbell who was recently the guest of Mr. Malcolm Campbell of Auburn avenue, left on Thursday for Houston, Texas, and will later visit Boston and other eastern cities.

Mr. and Mrs. E. J. Miller of Cleveland, Ohio, have returned from a short visit at San Diego and other cities in Southern California, but Sierra Madre looks so good they will probably locate here.

Will Tufts and John Jansen took advantage of the holiday and went to the mountains for an outing of several days, starting early Wednesday morning. They will be gone the rest of the week, having taken a complete camp outfit with them.

Misses Elsie and Mildred Mitchell were luncheon guests on Thursday at the home of Mrs. Frank Wright. They later attended the Throop-Pasadena High school football game at Pasadena. Majory Moses and Marshall Wright also attended the game.

Captain and Mrs. J. A. Osgood entertained at luncheon at Oakwood ranch on Sunday in honor of their son, John Osgood of Bakersfield. Other guests were Mr. and Mrs. L. N. Stevens and daughter, Miss Roxana Stevens of Los Angeles, Mrs. Cordelia Dollivar and Mrs. Ella Eaton.

Mr. and Mrs. C. H. Perry entertained at dinner on Thursday a party of friends formerly of Chicago. The rooms were attractively decorated with autumn foliage while the place cards were vari-colored leaves. Yellow and crimson chrysanthemums were used also in the living room and dining room. The dinner guests were Miss Barclay, Miss Margaret Eaken, Miss Eleanor Dwyer and Mr. Thomas Dwyer. In the evening other guests joined the party and a most delightful evening was spent at cards.

Prof. Edwin Ertz has returned to the east after completing the commission for which he came to Sierra Madre, the painting of portraits of Samuel and Jessica Graham. Many persons have expressed a desire to see the paintings after their completion and this is made possible through the kindness of Miss T. H. Graham. The pictures are still in the studio used by Prof. Ertz next door to the residence of Miss Graham on North Lima street. Those wishing to see the portraits may secure the key to the studio at the residence.

Mr. W. P. Windsor leaves today for Phoenix, Arizona.

The Monday Musical club will meet Monday, December 7, at the home of Mrs. J. A. Madden on Baldwin avenue, near Carter.

Miss Winifred Graham who is attending school at Long Beach spent Thanksgiving here with her parents, Mr. and Mrs. J. J. Graham.

Mr. William Walts of Reno, Nev., who spent last winter in Sierra Madre, has returned to this place and may remain here permanently.

The ball game between Sierra Madre and the Japs which was postponed on account of rain last Sunday will be played next Sunday afternoon.

Mrs. Elizabeth Borglum entertained at her studio on Wednesday a number of Los Angeles ladies. Among them was Mrs. Helen Schaefer of Chicago.

Mr. and Mrs. H. G. Flint has as Thanksgiving guests, Miss Martha Moore of Pasadena, a former friend of the Flints at Detroit, and Miss Anna Friend.

An error was made in the death notice of the late Mr. R. H. Hudson in last week's News. The date of his birth should have been given as 1839 instead of 1829.

Prof. J. C. Kapteyn, the eminent Dutch scientist who has been doing astronomical research work on Mt. Wilson has received instructions to return to Holland by the first of the year.

Those who have made subscriptions to the fund for purchasing guns for the Order of Scouts have been requested to make their payments as promptly as possible to A. S. Mead or Leigh Smith. The guns have been received and the boys may be seen at work at the drill hall any Friday evening.

Mr. and Mrs. D. L. Newlin entertained with a Thanksgiving dinner party at the home of Mrs. Newlin's sister, Mrs. E. W. Stanton. Decorations were red and green and covers were laid for eleven. Guests from out of city were Mr. H. G. Hollingsworth of Indianapolis and Mr. James O. Baker of New York.

Sunday's drizzling rain was followed by a two-day wind storm that seemed to come straight from the snows on the back ranges of mountains. On Mt. Wilson they said it "nearly blew the top off" and so damaged the telephone wires that it was impossible to order Thanksgiving supplies for the hotel in the usual way. Manager Ross was compelled to come down in person to make his purchases. Of course the weather is very unusual for California, unusually unusual, in fact.

Mr. and Mrs. O. M. Cadwell entertained at their beautiful Auburn avenue home yesterday with a five-course typical Thanksgiving dinner, the affair being one of the most enjoyable of the day in Sierra Madre. The decorations were particularly beautiful, American Beauty roses being used in the reception hall while the parlor was decorated with LaFrance roses and asparagus ferns. In the dining room the green and bright crimson of holly were very effective. The guests were Dr. and Mrs. A. J. Rust of Pasadena, Dr. and Mrs. Leroy of Chicago, Mrs. G. P. Gary. Dr. and Mrs. Rust will spend the remainder of the week at the parental home.

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**GEORGE B. MORGRIDGE**  
Editor and Publisher.

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FRIDAY, NOVEMBER 27, 1908.

## BY THE WAY

Do your shopping early.

Are you still thanksgiving?

Roast turkey sliced cold today.

Turkey stew will be due tomorrow.

Turkey-bone soup will be the last reminder Sunday.

Monday is the day when unpaid taxes go delinquent. Have you paid yours?

Arcadia's annual carnival of gambling and guzzling began yesterday. Here's hoping it will be the last.

Thanksgiving is a good habit. When you think you have nothing for which to be thankful wake up. Your next door neighbor probably has far less than you to make life worth living.

It is not too soon to remind you that it is a good plan to get your Christmas shopping done early. One woman said a month ago she had twenty-seven Christmas presents already made. But there are not many more like her. Most people prefer to put it off till the last day in the afternoon, even though they are old enough to know better.

Why not buy yourself a home for Christmas? You have been looking forward to it for a long time and maybe in that time have paid enough rent to buy a home and pay interest on the investment, besides. You can buy cheaper now than you will be able to buy a year from today. It is one of the finest things that can be said of a town that practically every resident owns his home. Hasten the day for Sierra Madre.

Graphic.—Although the lid remains on at the California club, I understand that it has been lifted at the Jonathan, where the long cry spell that began with the Woolwine raid of the California has resulted in a loss of several thousand dollars in revenues. In the event that the Ewing decision is upheld by the supreme court and a club liquor license is forced, it is more than probable that so far as the Jona-

than club is concerned an increase of monthly dues there will follow, as a matter of course. The decision is expected inside of thirty days.

This statement, coming from the publication which best represents the club circles of Los Angeles gives the whole sum and substance of the fight over liquor licenses. No one denies that the sale of liquor at the clubs in question furnishes one of the largest sources of revenue. And if it is so important to the fashionable clubs from a financial standpoint it is difficult to see why they should be exempted from paying the license fee which is enforced on the less fashionable clubs which are supposed to be maintained merely for the purpose of vending liquor. Of course it is the prospective increase in dues which makes it difficult for the club man to see the justice of it.

## OBSERVATORY IS SUPERLATIVE

Equipment on Mt. Wilson Will Surpass that of All Others.

The Pasadena Star says editorially: In its equipment, already in place or projected, the Mt. Wilson Solar Observatory is superlative. It will have more 'greatest' instruments and appliances than any other solar observatory on earth. The huge solar mirror, of which much is expected, has arrived in New York from the celebrated St. Gaudain works in France. Upon its arrival here, this massive piece of glass, one hundred inches in diameter, will be taken to the observatory laboratory on Santa Barbara street and the patient, delicate work of polishing it will begin.

And so, one by one, the excellent instruments and appliances are being acquired for the greatest of solar observatories. Dr. George E. Hale, head of the institution, is indefatigable in his labors to perfect the equipment as soon as possible. Under his masterly direction the great array of 'greatest' instruments is being assembled on the lofty heights whence many marvelous disclosures will be dragged from the depths of heaven in the future.

Meantime Dr. Hale is in constant demand for lectures and for articles for scientific magazines, as well as books. His research and his inventions of instruments for astrophysical calculations rank him as one of the foremost astronomers of the age. So that to the other superlative's appertaining to the Mt. Wilson Observatory may be added its director, Dr. Hale.

The value of this institution and the transcendent importance scientifically of the work being done and to be done there will hardly be fully appreciated by the public, because this class of achievement is never accompanied by fanfaronading. The astronomer is not a press agent. He is not a notoriety-seeker. His ambition is to attain the higher rewards of surpassing feats surprisingly done, which speak for themselves and need no blare of trumpets. Of course the work done on Mt. Wilson will be duly reported to the scientific journals and will be given to the world for its informational value. But there will be no long array of laudatory adjectives and no vaunting claims with these reports. They will be in the terse, matter-of-fact style of the man of science.

"He's an old newspaper man." "About how old?" "Well, he can remember when they only issued extras when something happened."—Louisville Courier-Journal.

## NEW POSTAL SWINDLE

Postmaster Yerxa has received warnings concerning a new variation of an old swindle which is worked through the postoffice. The scheme is handled from various towns and cities in Spain, the operators writing letters to persons in the United States previously picked by confederates in this country.

The foundation of the plot is somewhat varied. In some instances the writer represents himself as a dying prisoner in a military fortress. He has a fortune on deposit in the United States but the certificate of deposit is concealed in a secret receptacle of his valise which has been seized by the Spanish courts and will be held until the prisoner or his representative has satisfied the cost of the trial. He claims distant relationship with the addressee.

If the first letter bears fruit it is quickly followed by others in which the prisoner's daughter is likely to

play a prominent part. She is said to be in Spain without a protector. A proposal is made to send her, accompanied by a priest, to the newly found relative for protection, if enough money is sent to release the valise containing the certificate of deposit. If the relative will accept the trust he is to receive one-fourth of the prisoner's entire fortune, which is of huge proportions. Of course the "relative" never hears from the swindlers after he has made a remittance.

## The Model Secretary.

Among our other trials  
When Taft puts on the robes  
We'll miss those firm denials  
From patient William Loeb.  
—Cleveland Plain Dealer.

Tom—Belle is a strange girl. She doesn't know the names of some of her best friends. Maud—That's nothing. Why, I don't even know what my own will be a year from now.—Boston Transcript.

## DIRECTORY

### CITY OFFICIALS, SOCIETIES, CHURCHES, ETC

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Regular meetings second Monday in each month.

### CIVIC LEAGUE

President, M. W. Copps.  
Vice President, J. C. Dickson.  
Secretary, L. Dietz.  
Treasurer, Dr. W. F. Hatfield.  
Regular meetings fourth Tuesday of each month.

### WOMAN'S CLUB.

President, Mrs. Charles E. Bentham.  
First Vice President, Mrs. George H. Lettau.  
Second Vice President, Mrs. M. W. Copps.  
Secretary, Mrs. Frank Wright.  
Treasurer, Mrs. W. S. Andrews.  
Meets second and fourth Mondays.

### MONDAY MUSICAL CLUB.

President, Mrs. C. H. Baker.  
1st Vice President, Miss A. B. Climie.  
2nd Vice President, Mrs. Cora Costello.  
Secretary, Mrs. M. B. Brownson.  
Treasurer, Mrs. H. G. Flint.  
Meets first and third Mondays.

### PUBLIC LIBRARY.

H. J. Potter, president; Mrs. L. C. Torrance, vice president; W. E. Bechtelheimer, secretary; Mrs. George Lettau, treasurer; L. C. Torrance, auditor.

There are over 2,700 books in the Library, and the Reading Room tables are supplied with all the leading magazines and periodicals.

Membership in the association is open to any person of full age on payment of an annual subscription of two dollars or a single life subscription of twenty-five dollars. A monthly subscription of twenty-five cents entitles the subscriber to the use of the Library, but does not qualify such subscriber as a member of the Association.

The Library is open eight times each week, viz., on Monday, Tuesday, Wednesday, Friday and Saturday afternoons from 3 till 5, and Monday and Thursday evenings from 7 till 9 o'clock. The reading room will also be open Sunday afternoons.

### CHURCH NOTICES.

**FIRST CONGREGATIONAL CHURCH—**  
Rev. James M. Campbell, D. D., pastor.  
Sunday School, 9:30 a. m.; morning service, 11 a. m.; Christian Endeavor, 6:45 p. m.; evening service, 7:30 p. m. Strangers are cordially welcomed.

The Ladies' Aid Society holds its business meetings on the first Tuesday of every month, at 3 p. m. Afternoon socials on the second and fourth Tuesdays, from 3 to 5 o'clock.

The Woman's Missionary Society meets on the third Tuesday of the month at 3 p. m.

**CHURCH OF THE ASCENSION (Episcopal)**  
—Rev. Charles E. Bentham, rector.  
Sunday school, 9:45 a. m.; morning prayer and sermon, 11 a. m.; evening prayer and sermon 7:30 p. m.; celebration of Holy Communion, first Sunday in month, at 11 a. m.; third Sunday in month, 7:30 a. m.; Saints' and Feast Days, 10 a. m. All seats are free. A cordial invitation is extended to strangers.

**ROMAN CATHOLIC** services Sunday morning at 8:30 o'clock at Chapel, corner Baldwin and Olive avenues. Rev. M. W. Barth in charge.

**CHRISTIAN SCIENCE** services every Sunday afternoon at 3 o'clock, Town Hall, corner Baldwin and Central. All are cordially invited.

### THE MAIL.

ARRIVES... 10:15 a. m. LEAVES... 8:00 a. m.  
... 6:00 p. m. ... 4:30 p. m.

**POST OFFICE HOURS—**Delivery, 7:30 a. m. to 7:15 p. m. Money Order, 7:30 a. m. to 7:00 p. m. Lobby open Sundays 8 a. m. to 4 p. m.

CABOT YERXA, Postmaster.

## TIME TABLES

### PACIFIC ELECTRIC RAILWAY

Leave Los Angeles	Leave Sierra Madre
6:05 a. m.	6:10 a. m.
6:25 " "	7:00 " "
7:05 " "	7:42 " "
8:05 " "	8:40 " "
9:05 " "	9:10 " "
10:05 " "	10:10 " "
	11:10 " "
	11:30 " "
	12:05 " "
	1:10 p. m.
	2:10 " "
	3:10 " "
	4:10 " "
	5:10 " "
	6:10 " "
	7:05 " "
	8:05 " "
	10:05 " "

\*Combination express and passenger service.

### SANTA-FE ROUTE

Santa Anita Station

Arrive from Los Angeles and Leave for East:

8:32 a. m. Overland | 5:12 p. m. Local  
9:13 a. m. Local | 8:41 p. m. Overland  
10:38 a. m. Limited

Arrive from East and Leave for Los Angeles:

7:34 a. m. Overland | 4:56 p. m. Local  
9:13 a. m. Local | 5:12 p. m. Limited



**EXTRA TROUSERS**

With each suit of clothes purchased of me before the first of the year I will give a **FREE PAIR OF TROUSERS** Can you beat this offer anywhere, quality considered?

**AUGUST EKLUND, The Home Tailor**

Established  
Twenty-five Years

Home Phone Black 11  
Sunset Phone Pasadena Main 8556

Office Phone, Home Green 25

**S. R. G. Twycross**

Cor. Central and Baldwin Aves.

**Real Estate and Insurance**

Notary Public

Carriage to and from Electric Cars.

Public Bus Line

Express

Livery

Wood and Coal

**Winter Shoes**

for this climate are a need not to be neglected

I have exactly what you want and you will save money by investigating.

Kreider's Oak Sole shoes are built for wear and they look good through all kinds of weather. I have the exclusive agency for Nap-a-tan shoes. No stronger shoes made, yet they are easy fitting and comfortable.

Kreider's Oak Sole shoes for ladies and misses are guaranteed the best wearing dress shoes made and they are beauties.

**M. OLSEN the Shoe Man**

**AT THE FURNITURE STORE**

¶ A lot of nice Dressers, Dining Tables, Iron Beds, Rockers, Etc at very low prices. You will pay more elsewhere. Come and see. ¶ Buy your Burlaps, Canvas and Porch Curtains here.

**F. E. HATHAWAY**  
FURNITURE, Phone Black 36

*Pittsburg Perfect Field Fence  
Ellwood Lawn Fence  
Union Lock Poultry Fence*

THE

**L. W. Blinn Lumber Co.**  
Phone Black 23

**DR. BARLOW'S SANATORIUM**

Doing Great Work, as Shown by Annual Report Recently Published.

The fifth annual report of the Barlow Sanatorium, in Los Angeles, which is under the direction of Dr. W. Jarvis Barlow, has recently been issued. The following comment by Editor Clover appeared in last week's Graphic:

That admirable institution the Barlow Sanatorium for Poor Consumptives, of which James Slauson is president and Dr. W. Jarvis Barlow is secretary and treasurer, has issued its fifth annual report, a trifle belated owing to the absence of Dr. Barlow, in attendance upon the International Congress on Tuberculosis at Washington last month. I have before alluded to the silver medal awarded by that body to the sanatorium for its exhibit of two models of the Solano infirmary and type of cottages used, and an honorable mention for effective work in sanatorium treatment among the working classes, both of which gratifying recognitions are noted by the secretary in his report to the president, directors and advisory board.

In the last year, the Barlow Sanatorium has had constantly thirty or more cases under treatment, with an average weekly individual cost of \$8.29, exclusive of all permanent improvements and donations of supplies. This is a greater per capita than the year previous, due to the increased cost of living and a decrease in supplies donated. There are now thirty-six available beds in the institution, an increase of four since the last report. It is a subject for gratulation that the method in vogue for the last five years at the sanatorium, that of caring for advanced cases of tuberculosis in order to prevent the spread of the infection, is the plan most approved by the international congress, a change from the idea that was prevalent among the majority prior to the discussion at Washington. Of the patients treated, twelve have been on the absolutely free list. The total receipts of the sanatorium was \$7,184.25, and expenses \$12,917, leaving a deficit of \$5,736.65, which has been met by the dues from life and yearly subscribers, donations and the balance on hand from the second garden fete.

**Absorbed by Pasadena.**

By official action of the board of supervisors, the Lamanda Park school district has been annexed to the Pasadena district, and hereafter will be under control of the Pasadena board of education. The Lamanda district contains about 150 pupils, many of whom live much nearer the Pasadena schools, and want to attend them. They can now do so without having to pay tuition, as many of them have done in the past. The building at Lamanda Park is old, and a new school will have to be erected there in the very near future.

**HACK LINE.**

Call Black 42 and ask for E. W. Mead when you wish a horse and surrey for a drive.

We are now in a position to give you strictly fresh eggs, every egg guaranteed. We get plenty of them from our Monrovia ranch now, and they are fine, large eggs. O. K. Cash Department store.

Hardup—I'll never go to that restaurant again. The last time I was there a man got my overcoat, and left his in my place. Welloff—But the proprietor wasn't to blame, was he? Hardup—No; but I might meet the other man!—Stray Stories.

**SIERRA MADRE CENTRAL MARKET****SATURDAY SPECIAL**

Sirloin Roast.....12½c and 15c  
Sirloin Steak.....12½c and 15c  
Leg of lamb.....15c  
Shoulder of lamb.....10c  
Shoulder Pork.....12½c  
Shoulder Veal.....12½c

**POULTRY**

Turkeys, alive, per lb.....28c  
25c extra for dressing  
Chicken, dressed, per lb.....20c  
Roasters, dressed, per lb.....22c  
Fryers, dressed, per lb.....24c

**J. D. RASMUSSEN, Prop.**  
P. O. Bldg., Stickney's Grocery Store.

**MRS. M. L. ROTH****GOWNS**

Grand View Avenue, Near Auburn  
Phone, Blue 30

**MONROVIA STEAM LAUNDRY**

Ladies' and gents' clothes  
cleaned and pressed.  
Fine silks, laces and  
woolen goods a specialty.  
All work guaranteed first class.  
Phone 87 Monrovia for driver

**G. A. Peterson**

Painting--Varnishing--Tinting  
SUFFOLK AVE., SIERRA MADRE

**A. N. ADAMS**

REAL ESTATE, RENTALS

**INSURANCE**

Cheapest High Grade Lots in Town

**SIERRA MADRE HEIGHTS TRACT**

Opp. P. E. Station. Phone Black 8

Established in Sierra Madre 1888

**J. D. TUCKER**

Professional and Practical

House Painter, Art Decorator, Etc.  
Sierra Madre, Cal.

ALL KINDS OF SIGN PAINTING.

**Reynolds, Renaker & Hathaway**

FUNERAL DIRECTORS

Embalming Cremating

BLACK 36



# WANTS

and  
Classified  
Advertising

All advertising under this heading and reading notices charged for at the rate of five cents per line for each insertion.

This column has proved of value to others. Profit by their experience.

## FOR SALE

FOR SALE—200 acres valley land near Puente. Present yield 5 to 9 per cent in hay and grain. Terms to suit. Call at this office. e.m.g.x.

FOR SALE—3-room California house and two lots in the best section of San Fernando; owner has moved away and will sell at almost the price of the lots alone. Price \$700, part cash, balance to suit. Inquire at this office. s.f.p.x.

FOR SALE—17 acres, full bearing walnut trees. Sell 7 1-2 acres, 9 1-2 acres, or entire 17 acres. Is a bargain, close to El Monte, and will bear investigation. The property is on the market to sell. Inquire at this office. e.m.g.x.

FOR SALE—Eight 5-acre tracts alfalfa and sugar beet land. All improved, three houses, large barn, all fenced in and under cultivation, within four miles of the inner harbor and five miles south of Compton. The Southern Pacific and Pacific Electric roads go right by the place. Price \$500 per acre. Inquire at this office. c.e.x.

FOR SALE—Nice home place, well improved with bearing orange and deciduous trees; good well and pumping plant, barn, chicken corral, water piped in two-inch pipe from large tank all over property with hydrants every 20 feet for irrigating, all kinds of small fruits, berries, etc., flowers and shrubbery, comfortable 7-room house. Size of property 150x270. Price \$3500. Inquire at this office. s.f.p.x.

FOR SALE—Pasadena lot, corner Euclid Ave. and Mountain street, close car line and business; sidewalk, street work done, fine location. \$1200. Terms. w.r.x.

FOR SALE—20 1/2 acres sand loam soil; 16 acres first year lemons, 4 acres second year Valencias, grapes, peaches, etc.; 5-room ranch house, big barn, 1 share water to each acre. 4 1/2 miles from Santa Ana, 1 1/2 miles from Tustin; in proven citrus belt, near foot-hills. Price \$7,000, half cash, balance to suit. This office. w.r.x.

FOR SALE—20 acres good land, small artesian well, 2 or 3 acres in grapes, 1 1/2 miles from Norwalk. This office. n.c.x.

FOR SALE—6-room bungalow; built-in buffet, beamed ceilings, cozy den, elegant electric fixtures, kitchen, bath and bedroom finished in white enamel, cement porch, fine lawn. Situated in most desirable section of southwest district of city of Los Angeles. Inquire this office. g.r.x.

FOR SALE—75-gallon galvanized iron tank, suitable for gasoline or water. \$3.75. A. S. Mead. tf

FOR SALE—One surrey and two buggies, one rubber tired. Almost new, and cheap. A. Olsen, Phone black 24. 9

FOR SALE—Blue Andalusian settings at \$1.50 for 14 eggs. Non-setters and good layers. Bannatyne, Canyon avenue. 10\*

FOR SALE—Commercial size linen finish writing paper, 100 sheets for 30 cents. Envelopes to match, 2 bunches for 15 cents. News Printery.

## FOR RENT

FOR RENT—Furnished plastered house, 4 rooms, bath and pantry. Mountain Trail and Laurel. Apply at cottage.

## WANTED

WANTED—More orders for engraved cards, invitations and stationery. See samples at the News Printery.

## BRIEF ITEMS OF INTEREST

Just arrived—a carload of mesquite wood. Get our price. Sierra Madre Feed and Fuel Co.

Miss Eunice Ruffy of Los Angeles visited Miss Elizabeth Littleton Saturday and Sunday. Both are attending the Brownsberger business college.

Remember, you can get 100 large sheets of linen finish writing paper for 30 cents at the News Printery. Envelopes to match, two bunches for 15 cents.

Subscriptions to the fund for maintaining the visiting nurse's work may be paid at any time to W. E. Bechtelheimer or any other member of the board of health. Those who have subscribed are urged to make payments as promptly as possible as the work is now well under way and the board is in need of cash to properly provide for its continuance.

Twycross has sold the Gleasner house and lot on Highland to Mrs. Mary McQuillen of Berkeley, Cal., who will make Sierra Madre her home. It is understood the consideration was about \$3,500. He has also rented the Freeman cottage on Esperanza to B. W. Dancer and family of El Monte and the Lampson cottage to B. W. Yates of Gordon Grove, Cal.

"Why is the Hon. Thomas Rott so pessimistic of late?" "He has a bone felon on his index finger, and it is very painful for him to point with pride."—Puck.

Employer—Why were you discharged from your last place? Applicant—For good behavior. Employer—What do you mean by that? Applicant—They took three months off my sentence.—Cleveland Leader.

# NEWMARK'S

## HIGH-GRADE STEEL CUT COFFEE

will be served free at this store until 6 p. m. Saturday All are invited. Come in and try it. This coffee is packed in one and three-pound vacuum cans.

Price three-pound can.....\$1.00  
Price one-pound can......40

## A. B. STICKNEY

# COAL! COAL! COAL!

## WOOD AND KINDLING

AGENT FOR THE

## Celebrated Black Diamond Coal

HAY, GRAIN AND FEED OF ALL KINDS  
POULTRY SUPPLIES. FEED STABLE

## ANDREW OLSEN

SUFFOLK AVENUE

PHONE, BLACK 24

Call us up if you wish Prompt Delivery

Mrs. J. C. Ferry of Baldwin avenue entertained on Thanksgiving day Mr. and Mrs. Charles Ferry, Mrs. Lucie Mather, and Miss Agnes Mather of Pasadena, and Mr. Knickerbocker of Chicago. Mr. and Mrs. Charles Ferry, Mrs. Mather and daughter will remain with remain with Mrs. Ferry over Sunday.

Rev. Dana W. Bartlett was heard by a large audience at the Congregational church Wednesday evening. Mr. Bartlett holds his hearers because they know he is a man who does things and the simple recital of the work being accomplished by the Bethlehem institutions always makes a deep impression.

Enthusiasm rivalling that at a football game was displayed over the burro races on Central yesterday afternoon. The crowd was large and as full of good nature as of Thanksgiving dinner. The small number of entries made the contests very close. Vinton Hoegee rode across the finish line first, with his brother Ariel second. In the slow race Ariel Hoegee pocketed his steed behind that of Willie Wright, forcing the latter over the line first. Hoegee was awarded first and Wright second.

The Board of Trade has called a special meeting for next Monday evening for the purpose of starting the campaign to secure a municipal gas plant. Data showing the figures for the business end of such a plant will be presented and a campaign committee appointed to conduct an educational campaign. By attending this meeting you can learn the status of the gas proposition to date. Anyone who thinks the gas issue in Sierra Madre is a "dead one" comes nearer to being in that classification, himself. Come out and see what you can learn.

## FINE CLUBBING OFFER

You Can Get the News and the Pacific Garden at a Very Low Price

By special arrangement with the publisher of the Pacific Garden the News is able to make a very liberal clubbing offer, which can hardly be beaten for real value offered. The price of the Pacific Garden is \$1.00 yearly but you may get the two for \$2.00 cash in advance. Subscribers to the News who are already paid up six months or more in advance can get the Pacific Garden for one year by paying the extra fifty cents at the News office.

The Pacific Garden is without doubt the best garden magazine obtainable for Southern California. The various articles are written in a readable way by experts who know their subjects thoroughly. The monthly calendar shows in concise form what should be planted and what plants need attention. The magazine is printed on fine book paper and is well illustrated, making it exceedingly attractive to all who are interested in gardening.

The mystical number will furnish a large part of the amusement at a social to be given Monday evening, December 7, by the Ladies' Aid society of the Congregational church at the church parlors. Preparations are sufficiently near completion to assure an evening of unalloyed pleasure.

Sierra Madre "Regulars" played the "Outlaws" yesterday morning, winning by a score of 12 to 10 in 12 innings. The game was as hotly fought as the score indicates.



# DO BUSINESS WHERE IT PAYS

Since early summer we have issued nearly 30 full page ads in the news in addition to liners both there and more especially in the Los Angeles papers. In addition to this we have used other forms of advertising such as circular letters, books of descriptive matter, etc. This advertising was for property in Sierra Madre and vicinity which our clients have listed with us for sale.

Our selling ability is recognized by every one throughout the city. The merits of advertising extensively are too well known to mention. The amount of advertising matter we have put out in the last six months is by far larger than was ever before expended by any other real estate firm in Sierra Madre in any period of four times as long.

## WHO GETS THE BENEFIT?

### ANSWER—THE PATRONS OF THIS OFFICE

The quality of our services and the extent of our advertising is sufficient to assure any reasonable man that nothing more could be expected and if his property listed with us at a fair price does not sell within a reasonable time something is wrong. Have you property for sale in any part of this city or surrounding country? If so, we want it on our lists now. Remember that it costs you nothing if we do not find a buyer, while we spend the money for advertising and take chances on the rest. If we are willing to run the risk you certainly should not object. Our sales are large, our patrons are delighted and our business is growing. We cordially invite your co-operation with us and are always willing to give you the best in the line of Real Estate and Insurance.

We wish to again call your attention to the lots in the Valley View tract which have been reduced 50 per cent in price, and which are the aiest values we have listed lately. If you have not yet looked these over and have any idea whatsoever of investing in real estate either now or in the future, you do yourself a great injustice not to let us show them to you. It is not often that one gets the opportunity of buying high class residence property so well located and with such a future at the low rate of three to four hundred dollars on terms.

**Must be Sold at Once**—Beautiful Highland avenue lot, very large, with plenty of shade and a big house. Look this over and make us an offer.

Carter avenue lots, very high and sightly, in any frontage at \$10 per foot.

Baldwin avenue, close in, east fronts at \$600 each.

Central avenue, near Woman's Club house site, south front and good view; want an offer.

A block of 5 Highland avenue lots [remember Highland is the coming east and west residence street] each 50x192, \$750 for your choice on easy terms.

Can you use a good close-in lot at \$50 down, balance \$10 monthly? We have them.

### TWO SPLENDID BUYS

Five-room new California cottage, lot 60x150, good location, \$1650, on terms.

Six room modern, furnished house, large corner lot, well located, rents all the time for \$25 per month. o you want to net 15 per cent on your money? We can sell you this at \$1700, on terms.

Do you need anything in the insurance line? Fire, plate glass, automobile, sickness, accident, life? We handle all of these.

# A. S. MEAD

Real Estate - Rentals - Insurance - Notary

First National Bank Building, Opposite P. E. Station

Phones: Home, Black 42 and Black 69

Sunset, Pasadena Main 9623



...FOR THE...  
**HOLIDAYS**

Full line of the famous "Yale" suspenders in handsome Christmas boxes. They are handsome and none better are made. Prices from 25c to \$1.50.

**ARRIVING DAILY**

We are receiving new Christmas goods daily. Attractive presents for father, mother and all the children. See what we have before you go elsewhere. OUR PRICES ARE RIGHT.

**O. K. CASH DEPARTMENT STORE**

## Two Thrilling Questions

Popular Addresses by Mr. Miller  
**AT TOWN HALL, SIERRA MADRE**

Saturday Night—"The Money and Labor Situation as I Have Seen it in Europe and America."

Sunday Night—"The Eastern Question—What the Downfall of the Turk Means to the Entire World."

## HOTEL SHIRLEY

solicits high class tourist and local patronage. First class accommodations at reasonable rates.

### Under New Management

☐ Special attention will be given to patrons desiring meals by the week. ☐ Give us a trial. We are here to stay and will please you if courteous service and pleasant accommodations can do it.

**E. B. VanZANDT, Prop.**

Choice Property  
IN

## Beautiful Sierra Madre

The Ideal Summer and Winter Resort  
Elevation 1,000 to 1,700 Feet

The terminus of the most beautiful division of the Pacific Electric Railway. Situated most beautifully on the Foothills of the Sierra Madre Mountains.

INSURANCE - - - NOTARY

## Sierra Madre Realty Co.

See us about it. Phone Black 22. Sierra Madre, Cal.

## ABOUT SOLAR CYCLONES.

(Continued From 1st Page.)

dark mass of hydrogen—the flocculi—showed changes here and there, giving evidence of great agitation on the sun. Suddenly on June 3 a catastrophe happened; the cool hydrogen gas, which had been continuously in the same location since the spot came around the edge of the sun on May 26, was quickly set whirling and was rapidly sucked into the great maelstrom on the sun. Prof. Hale was lucky enough to have this great solar cyclone—the first of its kind ever seen—recorded on a series of nine photographs all taken within ten minutes. We congratulate Prof. Hale on his energy and his great fortune. The speed at which this cool hydrogen rushed into the center of the spot was about sixty miles per second—rather faster than any motors we know of on earth—a velocity comparable with that at which prominences are thrown off from the sun.

The photographs showing the solar cyclone were taken about 5 P. M., June 3. At 6 the next morning quite a change was evident around the spots. Bright masses of heated hydrogen gas began to appear, and this heated gas kept on increasing in amount for the next couple of days. Thus we became aware of the manner in which relatively cool matter is subjected to the heat of the solar furnace, tracing a mass of hydrogen gas before and after being treated by the solar fire. These are the beginnings of a new set of discoveries which will give us much knowledge regarding our great sun. Spots are thus the centers of disturbances on the sun. But how much disturbance is centered there? And what connection have sun spots with other phenomena? The scientific world has known for more than fifty years that sun spots closely affect the amount of terrestrial magnetism; spots on the sun are connected with "electric storms," and with displays of northern lights, but how related? The sun is evidently the seat of a great electromagnetic field, whose lines of force stretch outward even as far as the earth. In fact, the appearance of the hydrogen flocculi on the new photographs of Prof. Hale recall to the mind the appearance of iron filings in a magnetic field; and one wishes to know what kind of an electro-magnet the sun is, how it displays its force, and whether sun spots are the centers of lines of force running out. We shall expect Prof. Hale to tell us whether the lines of the spectrum of a sun spot show the Zeeman effect, and how it is that the lines of force from the spot alter the appearance of the spectrum lines.

These discoveries emphasize strongly the great importance of a close and careful study of sun spots, for they are somehow connected with a variety of phenomena such as electric storms, aurora borealis, prominences, flocculi, faculae, corona, and possibly with conditions of temperature or weather here on earth.

Just received, three carloads of hay. Lay in a supply before it advances. Sierra Madre Feed & Fuel Co.

## Don't Fail

to take advantage of the clubbing offer by which you get

**The Pacific Garden**

and the

**Sierra Madre News**

for \$2.00, cash in advance.

## YOUR NEAREST GARAGE

Auto users have found our service the most satisfactory in Pasadena. Call at our new location. Full line of auto supplies and other sporting goods.

**A. L. RYDER**

160 E. Colorado, - - Pasadena  
Both Phones 202

## POSTAGE STAMP FLIRTATIONS

What the Postmaster and Mail Clerks Think of Their Significance.

Writing the address in alleged poetry or rhyme is an evidence of feeble mindedness that should never be displayed in public.

A postage stamp upon the upper left-hand corner of an envelope means, "I am not right bright," in the estimation of the postal employees.

The address at the top of the envelope on a line with the stamp indicates that it is likely to be obliterated by a cancelling machine and the letter go to the Dead Letter Office for resurrection.

Stamps on the reverse side of envelopes means that the letter may be thrown aside in the rush of making up a mail before the freak is discovered, and delayed from one to twenty-four hours as a result of such nonsense.

Writing "in haste" or similar inscriptions upon a letter is a sign of great danger. No doubt many serious wrecks have been occasioned by fast running of trains when the engineer knew that such a letter was in the mail car. Don't do it any more. Some mail clerk is liable to hurt himself laughing at your silliness. Mail matter is always sent the quickest possible route after being deposited in our post office, frequently going hundreds of miles around to gain a few minutes over a shorter route on which connections are not so good. Nothing but a special delivery stamp will hurry anything by mail, and that only after it has reached the office of destination, where it will be specially delivered. —Ex.

When Charles Dudley Warner was the editor of the Hartford, Connecticut, Press, back in the sixties, arousing the patriotism of the State by his vigorous appeals, one of the type-setters came in from the composing-room and, planting himself before the editor, said: "Well, Mr. Warner, I've decided to enlist in the army." With mingled sensations of pride and responsibility, Mr. Warner replied encouragingly that he was glad to see that the man felt the call of duty. "Oh, it isn't that," said the truthful compositor; "but I'd rather be shot than try to set any more of your copy."